

FORM PTO-1449 (Modified)

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 944-003-027-1 SERIAL NO. 09/930,379

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

J. Numminen

APPLICANT

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FILING DATE GROUP (Use several sheets if necessary) 2666 Aug. 15, 2001 2661 (37 CFR 1.98(b)) **U.S. PATENT DOCUMENTS EXAMINER** ISSUE FILING DATE IF APROPRIATE INITIAL DOCUMENT NUMBER DATE **PATENTEE** CLASS SUBCLASS 5 1 9 7 0 6 5 370 3/23/1993 Calvignac et al. 79 54 RECEIVED FEB 0 4 7002 Technology Center 2600 FOREIGN PATENT DOCUMENTS **PUBLICATION TRANSLATION** DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) H. Holma et al., WCDMA for UMTS, 2000 John Wiley & Sons, Ltd., pages 34-40, 2600. 54 H. Holma et al., WCDMA for UMTS, 2000 John Wiley & Sons, Ltd., pps. 187-203 SIL H. Holma et al., WCDMA for UMTS, 2000 John Wiley & Sons, Ltd., pages 154-163, 2000.

EXAMINER DATE CONSIDERED

10.21.03

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Aug. 15, 2001 2661 2666 (37 CFR 1.98(b)) **U.S. PATENT DOCUMENTS** FILING DATE **EXAMINER** ISSUE IF APROPRIATE SUBCLASS CLASS DOCUMENT NUMBER DATE **PATENTEE** INITIAL RECEIVED FEB 10 4 2002 Technologly Center 2600 FOREIGN PATENT DOCUMENTS **PUBLICATION** TRANSLATION SUBCLASS DOCUMENT NUMBER DATE **COUNTRY** CLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) H. Holma et al., WCDMA for UMTS, 2000 John Wiley & Sons, Ltd., pps. 303-315, 2000/ 54 H. Holma et al., WCDMA for UMTS, 2000 John Wiley & Sons, Ltd., pps. 109-110, حرصور 2 H **DATE CONSIDERED EXAMINER** S. Hom 10.21.03

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Sheet 1 of 1

FORM	P10-1449
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. 944-003-027-1 SERIAL NO. 09/930,379

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(37 CFR 1.98(b))

Aug. 15, 2001

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER				IME	BER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APROPRIATE	
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SH		5	6	7	8	1	9	2	10/14/1997	Paavonen et al.	455	38.3	
sH		5	7	1	0	9	7	5	1/20/1998	Bernhardt et al.	455	38.3	
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FOREIGN PATENT DOCUMENTS

								PUBLICATION				TRANSLATION	
	DOCUMENT NUMBER					JME	3ER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
SH	1	1	5	8	6	8	5	11/28/2001	EP	HO 4B	1/16		
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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

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